BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at Singapura in Ward No. 11, Vidyaranyapura Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							Estimate Cost Rs.		**4000000.00**
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 138 / Item No. 19.1 / PWD SR 2014-15**	Cum							
	CC Road Singapura Gramatana		1	76.00	6.00	0.15	68.40		
	Cross Road		1	24.00	6.00	0.15	21.60		
			1	20.00	2.00	0.15	6.00		
	Behind Muneshwara Temple Road		1	36.00	4.50	0.15	24.30		
	behind Subbanna House Surrounding		1	32.00	5.00	0.15	24.00		
			1	110.00	7.50	0.15	123.75		
			1	82.00	5.00	0.15	61.50		
			1	37.00	5.00	0.15	27.75		
			1	45.00	4.00	0.15	27.00		
			1	44.00	4.50	0.15	29.70		
							414.00	75.60	**31298.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2014-15**	Cum							
	CC Road Singapura Gramatana		1	76.00	6.00	0.15	68.40		
	Cross Road		1	24.00	6.00	0.15	21.60		
			1	20.00	2.00	0.15	6.00		
	Behind Muneshwara Temple Road		1	36.00	4.50	0.15	24.30		
	behind Subbanna House Surrounding		1	32.00	5.00	0.15	24.00		
			1	110.00	7.50	0.15	119.63		
			1	82.00	5.00	0.15	61.50		
			1	37.00	5.00	0.15	27.75		
			1	45.00	4.00	0.15	27.00		
			1	44.00	4.50	0.15	29.70		
							409.88	4847.04	**1986681.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2014-15**	Cum							
	CC Road Singapura Gramatana		1	76.00	6.00	0.10	45.60		
	Cross Road		1	24.00	6.00	0.10	14.40		
			1	20.00	2.00	0.10	4.00		
	Behind Muneshwara Temple Road		1	36.00	4.50	0.10	16.20		
	behind Subbanna House Surrounding		1	32.00	5.00	0.10	16.00		
			1	110.00	7.50	0.10	82.50		
			1	82.00	5.00	0.10	41.00		
			1	37.00	5.00	0.10	18.50		
			1	45.00	4.00	0.10	18.00		
			1	44.00	4.50	0.10	19.80		
							276.00	5847.12	**1613805.00**
	Basic Rate	5414.00							
	Area Weightage @ 8%	433.12							
	Total	**5847.12**							
4	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **171 / Item No. 22.7 / PWD SR 2014-15**	Sqm							
	CC Road Singapura Gramatana		1	76.00	6.00		456.00		
	Cross Road		1	24.00	6.00		144.00		
			1	20.00	2.00		40.00		
	Behind Muneshwara Temple Road		1	36.00	4.50		162.00		
	behind Subbanna House Surrounding		1	32.00	5.00		160.00		
			1	110.00	7.50		825.00		
			1	82.00	5.00		410.00		
			1	37.00	5.00		185.00		
			1	45.00	4.00		180.00		
			1	44.00	4.50		198.00		
							2760.00	97.20	**268272.00**
	Basic Rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	**97.20**							
5	Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., indluding cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement Page No. 172 / Item No. 22.8.1 / PWD SR 2014-15**	Rmt							
			7	6.00			42.00		
			2	6.00			12.00		
			2	2.00			4.00		
			3	4.50			13.50		
			3	5.00			15.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			10	7.50			75.00		
			8	5.00			40.00		
			3	5.00			15.00		
			4	4.00			16.00		
			4	4.50			18.00		
							250.50	124.20	**31112.00**
	Basic Rate	115.00							
	Area Weightage @ 8%	9.20							
	Total	**124.20**							
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**372.60**	73.57	**27412.00**
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.130 PWD SR 2014-15	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
7	Sub Total								**3958580.00**
8	Third Party Inspection Charges								**39586.00**
9	Miscesallaneous Charges	L/S							**1834.00**
								Total	**4000000.00**
	(Rupees Fourty Lakhs Only)								

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 This work included under MLA Grants 2015-16.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Junior Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs. 40.00 lakhs
Rupees Fourty lakhs only
Under

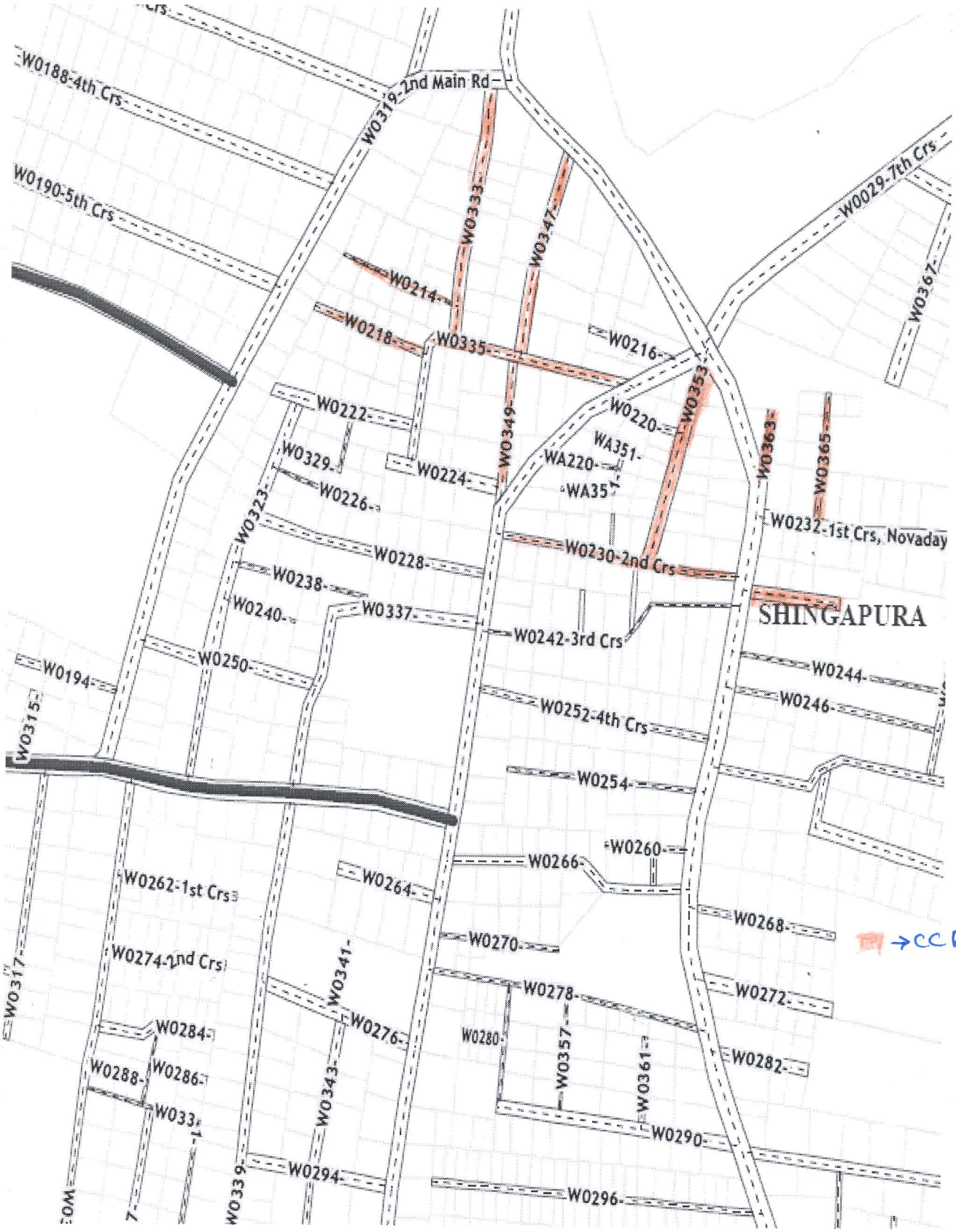
Technical Sanction
Accorded For 40.00 lakh Rs.
Head of A/C P3089
CER NO : 62 Dt: 21.8.15

TA CE (YNK)

Registered as EE ( ) No 9
Subject to conditions contained in
enclosed memo EE ( ) No
Dt Estimate Administrative d
Jc(4)/pal 95/ 42/2015-16
dated 20/8/2015 40.00 lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Name of Work: Improvements to Roads and Drains at Singapura in Ward No. 11 Vidyaranyapura Sub Division.



→ CC Road.